

HAMILTON COUNTY ENGINEER'S

SCOPE OF SERVICE

1. Project Identification: Hamilton County

Road Name RAPID RUN ROAD RD# 205

- Bridge NO.

2. Project Limits:

From PONTIUS DRIVE

To MARTINI DRIVE

Length APPROXIMATELY 3200 FEET (0.6 MILES)

Additional Information

3. Time: , Date: , Location;

4. Attendance: (See Attendance Sheet)

5. Work Phases Included in agreement

Phase A Design Report LINE, GRADE AND TYPICAL SECTION OR BASE SHEETS

TO BE USED IN FINAL PLANS.

Phase B Construction Contract Plans TO CONFORM TO PHASE A

RECOMMENDATIONS. FINAL REVIEW SUBMISSION TO INCLUDE SPECIAL CONSTRUCTION
NOTES AND SPECIFICATIONS.

Other

6. Consultant:

7. Contracting Officer (Consultant) _____

8. Agreement between Consultant and
State _____, County X , City _____, Other _____

9. Method of Financing:
 UNDECIDED

10. Preliminary Engineering Funding Participation: N/A
F.H.W.A. _____, State _____, County _____, City _____, Other _____

11. F.H.W.A. Funding Participation: N/A
P.E. _____, Construction _____, R/W _____

Note: If any item checked, Federal Regulations apply to
Phases.

12. Public Hearing: N/A
Current Status: _____

Type of Hearing Required:
Design _____

Consultant's Responsibility:

Exhibits (specify if known):

13. Prepare S.E.E. Factors: YES _____ NO X _____

NOTE: The S.E.E. Factors must meet the requirement of F.H.P.M. 7-7-5 and Section 5521.011 of the Ohio Revised Code.

14. Action Plan Meetings: N/A
(Consultant attendance required)

Estimated Number _____ (State to provide number)

Consultant to Prepare Exhibits: YES _____ NO _____

NOTE: Consultant to include man hours in proposal for attendance and preparation of exhibits (if required) based on estimated number of meetings.

15. Environmental Impact Statement N/A
(See F.H.P.M. 7-7-2 and Bureau of Environmental Affairs Outline for Environmental Document and Special Studies)

Prepared by: State _____, Consultant _____, Other _____

Type of Statement:

Assessment _____, Negative _____, Full _____

Note: Since a project cannot be prejudged, a fee for all types should be submitted. The fee for the Negative or the full E.I.S. should be the additional amount over the preparation of the Assessment. Also the disciplines of personnel working on the E.I.S. and related reports should be included in the proposal.

16. 4(f) Statement Prepared By: N/A

State _____, Consultant _____, Other _____

(See F.H.P.M. 7-7-2 and Bureau of Environmental Affairs Outline for Environmental Document and Special Studies.)

17. Design Speed:

Road Name RAPID RUN ROAD 35 MPH

Road Name _____

18. Alignment:
New PROJECT TO REALIGN REVERSE CURVE SITUATION BETWEEN THE TWO ROADS.

Existing _____

Combination _____

Remarks: PHASE A TO RECOMMEND ALIGNMENT.

19. Profile _____
New _____ REPORT TO RECOMMEND _____
Existing _____
Remarks _____

20. Typical Section:

Number of Lanes: 2-12' LANES
(Provide number or "Report to Recommend")

Remarks: EXISTING PAVEMENT, WHERE POSSIBLE, IS TO BE REHABILITATED AND
RESURFACED

Curbs: YES _____, NO _____, Report to Recommend X
Type _____

Shoulders:

Type REPORT TO RECOMMEND
(Provide Type or "Report to Recommend")

Safety Grading Criteria:

YES _____, NO _____, Partial _____

Remarks: _____

21. Signing: YES _____ NO X _____
Phase A Recommendation _____, Warrants _____, YES _____, NO _____, Prelim. Plan _____
Phase B _____ Warrants _____, YES _____, NO _____, Prelim. Plan _____
22. Signals: YES _____ NO X _____
Phase A Recommendation _____, Warrants _____, YES _____, NO _____, Prelim. Plan _____
Phase B _____ Warrants _____, YES _____, NO _____, Prelim. Plan _____
23. Striping: YES _____ NO X _____
Phase A Recommendation _____, YES _____, NO _____, Prelim. Plan _____
Phase B _____ YES _____, NO _____, Prelim. Plan _____
24. Drainage: EXISTING SYSTEMS TO BE MODIFIED OR NEW SYSTEMS TO BE INSTALLED
AS NECESSITATED BY IMPROVEMENTS OR CONDITION OF EXISTING
Phase A Drainage Criteria _____, Preliminary Plan _____
Phase B Drainage Criteria _____, Preliminary Plan _____
Type: Surface _____, Closed _____, Existing _____
Flood Plain Study Required: YES _____ NO _____
Channel Change Study Required: YES _____ NO _____
25. Bridged Crossings: _____ N/A _____
(NUMBER)
Cross Roads _____
Streams _____
Railroads _____
Pedestrian _____
Utility _____
Mass Transit _____

26. Bridged Crossings (Cont'd.)

Other _____

Site Plans _____

Supplemental
Site Plans _____

Railroad Location
Plans _____

Justification _____

Remarks _____

27. Retaining Walls: N/A

Phase A Recommendation _____, YES _____, NO _____, Justification _____

Phase B YES _____, NO _____, Justification _____

Right of Way Cost Source _____

Remarks: _____

28. Extent of Field Surveys (Check those that are applicable):

	<u>County</u> ()	<u>Consultant</u> ()
Aerial Control	()	()
Main Road Alignment	()	(X)
Main Road Profile	()	(X)
Reference Points & Bench Marks	()	(X)
Side Road Alignment	()	(X) *
Side Road Profile	()	(X) *

* AS NECESSARY TO PREPARE INTERSECTION DETAILS.

29. Extent of Field Surveys (Cont'd)

	<u>County</u> ()	<u>Consultant</u> ()
Alignment & Profile of Driveways		
Cross Sections		
(a) By Field Method	()	(X)
(b) By Aerial Method	()	()
(c) Check Sections	()	()
(d) Pavement Salvage Sections	()	()
Channel Cross Sections	()	()
Drainage Survey	()	(X) AS NECESSARY
Topo Identification	()	(X)
Utilities	()	(X)
Property Lines	()	(X)
Site Plan by Stadia	()	()
Foundation Boring Staking	()	()
Right-of-Way Staking	()	(X)
Construction Staking	(X)	()

30. Maintenance of Traffic:

Detour Plan prepared by County N/A Consultant

Phase A Discussion in Report & Temporary Road Plans N/A

Phase B Temporary Road Plans & Notes N/A

Remarks: AT THIS TIME IT IS ANTICIPATED THAT CONSTRUCTION IS TO BE PERFORMED
UNDER TRAFFIC. CONSULTANT TO PREPARE SEQUENCE OF CONSTRUCTION OUTLINE AND
AND MAINTENANCE OF TRAFFIC NOTES IN SUFFICIENT DETAIL FOR THE PROPER CONTROL OF
TRAFFIC THROUGH THE PROJECT. THESE ITEMS TO BE SUBMITTED WITH FINAL REVIEW
SUBMISSION. IF PHASE A INDICATES PROJECT CANNOT BE BUILT UNDER TRAFFIC, THE
COUNTY WILL BE RESPONSIBLE FOR DETERMINING THE DETOUR PLAN AND THE CONSULTANT
WILL BE RESPONSIBLE FOR THE PREPARATION OF THE NECESSARY PLAN SHEETS TO PRESENT
SAID DETOUR PLAN.

31. Construction Cost Estimate:

Phase A YES _____ NO X

Phase B YES X NO _____

Submit with Proposal YES _____ NO X

32. Quantity Splits: YES _____ NO X

(If yes, define splits such as construction sections,
financial, political, etc.)

Remarks: _____

33. Plan Scales (Specify if different):

Phase A 1" = 20' Min. N/A

Phase B 1" = 20' Min. YES

Phase B (Profile) Hor. 1" = 20' Min. Vert. 1" = 5' Min. YES

REMARKS: _____

34. Traffic Data:

State _____ County X , Consultant _____
(If County provides, give adequate description of data
to avoid future misunderstandings)

REMARKS: AS NECESSARY

NOTE: Check with Traffic Dept. prior to Pre Scope to
determine all traffic data available. Traffic
Department must approve all traffic data prior
to use.

35. Soil and/or Foundation Investigation:

State _____ County X _____, Consultant _____, Other _____

NOTE: Normally if the County provides the borings, the locations are provided by the consultant. Suspected problem areas must be checked in Phase A and Phase B.

Remarks: _____

36. Right-of-Way and Utilities (Check those that are applicable.):

Phase A	<u>County</u>	<u>Consultant</u>
Property Map	()	()
Approximate Number of Parcels	()	()
Centerline Plat	()	()
Right-of-Way Summary	()	()
Utility Plan	()	()
Phase B	<u>County</u>	<u>Consultant</u>
Property Map	()	(X)
Approximate Number of Parcels	()	()
Centerline Plat	()	(X)
Right-of-Way Summary & Descriptions	()	(X)
Establishment Plat	()	(X)
Final Plans	()	(X)
Deed Descriptions	()	(X)
Appropriation Plats (Per Each)	()	(X)
Stake Right-of-Way	()	(X)
Utility Plan	()	(X)

Remarks: SOME OF THE ABOVE ITEMS MAY NOT BE NEEDED IF R/W IS EASILY
ACQUIRED OR IF THE PROPOSED IMPROVEMENTS MAY BE CONSTRUCTED WITHIN THE
EXISTING R/W.

37. Utilities in Plans (Check those that are applicable):

Water (X) Consultant shall contact all Utility
Companies and indicate all existing utilities
(including house connections) on the plans as
Sanitary (X) required by Section 193.64 ORC (H.B. 538).
Electric (X) Consultant shall also furnish all utilities
with preliminary and final plans with copy of
Gas (X) letters of transmittal to the County Engineer
Plans for any modifications to water and
Telephone (X) sanitary utilities to be part of the final
construction plans.

Others _____

Note: Phase A

Phase B

38. Prior Studies (Identify): N/A

Remarks: _____

39. Completion Time:

For Work including an Assessment

Including Review Time _____ N/A

Excluding Review Time _____ N/A

For Work including an Assessment with 4 (f)

Including Review Time _____ N/A

Excluding Review Time _____ N/A

For Work including a Negative E.I.S.

Including Review Time _____ N/A

Excluding Review Time _____ N/A

For Work including a Negative E.I.S. WITH 4 (f)

Including Review Time _____ N/A

Excluding Review Time _____ N/A

40. Completion Time: (Continued)

For Work including a Full E.I.S.

Including Review Time	<u>N/A</u>
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Excluding Review Time	<u>N/A</u>
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For Work including a Full E.I.S. with 4 (f)

Including Review Time	<u>N/A</u>
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Excluding Review Time	<u>N/A</u>
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41. Consultant to provide all office and field work to prepare construction plans, R/W plans and descriptions, establishment plat and descriptions, general and special notes, quantities and cost estimate.
42. County will prepare bid document, prints etc. for bidding process.
43. Engineering agreement will be a Lump Sum contract.
44. Phase A Design Report is to develop line, grade and typical section, no written report is required. Phase B to essentially cover preparatin of final detail plans, preliminary and final drainage, preliminary and final R/W, driveways, etc.
45. All plans and plats to be ink on mylar or linen. Construction plans and R/W plans shall be separate plans. Plan sheets shall be standard 22" X 36" trimmed size.
46. Plan development will be, at the County's discretion, subject to the following independent reviews.
1. Line Grade and Typical Sections
 2. Preliminary Drainage Reviews
 3. Preliminary R/W reviews
 4. Driveway review
 5. Final plan review which shall include final drainage & R/W.
47. With submission of proposal Consultant shall submit a tentative date for plan filing following authorization to proceed.
48. Descriptions shall be prepared on 8½" X 11" letter size sheets. Descriptions shall be written so as to follow the form designated by the County. Parcels designations for parcels to be acquired shall conform to the County standards.